

Piperazine  
110-85-0 | DTXSID1021164

Model Performance

Model	Data
-------	------

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.87	0.81	0.87	0.82	0.86	0.86

## Model Results

**Predicted value:** 5.37 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 7.36e-01

**Confidence level:** 7.13e-01

## Nearest Neighbors from the Training Set

Image not found

Piperazine

**Measured:** 11.6

**Predicted:** 5.37

Image not found

Piperazine dihydrochloride

**Measured:** 2.58

**Predicted:** 5.37

Image not found

2-Methylpiperazine

**Measured:** 4.34

**Predicted:** 4.68

Image not found

2-Methylpyrazine

**Measured:** 10.6

**Predicted:** 4.35